

Control Unit in Moulded Plastic Series 8208

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Fitting of various components such as
 - diodes
 - resistors
 - small fuses
 - small relays



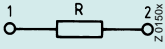
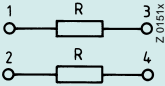
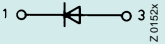
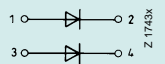
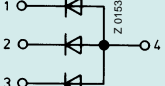
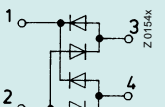
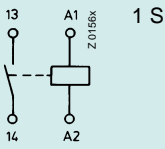
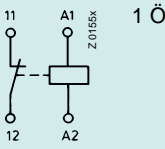
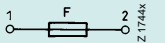
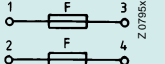
D4631p

The small EEx d enclosure 8208 can house components, thus integrating various functions, e.g. diodes, resistors, small fuses and small relays. The functions shown here are standardized, others are possible according to order.

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Zone 1 and Zone 2

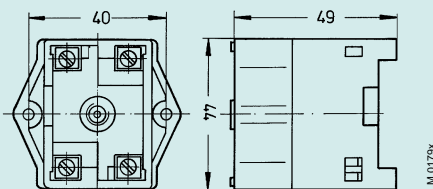
Selection table

Version	Description	Ordering code	Weight [kg]
Control unit with Resistors	 <p>0,1 Ω ... 22 MΩ, 0,5 W 0,1 Ω ... 9,1 kΩ, 1 W 15 Ω ... 15 kΩ, 2 W</p>	8208/14 - 03 - S 002 - □□□Ω 8208/14 - 03 - S 003 - □□□Ω 8208/14 - 03 - S 005 - □□□Ω	0,1
	 <p>2 x 0,1 Ω ... 22 MΩ, 0,5 W 2 x 0,1 Ω ... 9,1 kΩ, 1 W other values possible</p>	8208/14 - 03 - S 010 - □□□Ω 8208/14 - 03 - S 011 - □□□Ω	
Add. to ordering code: indicate resistance value ↑			
Diodes	 <p>1 x Diode 1 N 4005/1 A</p>	8208/14 - 02 - S 001	
	 <p>2 x Diode 1 N 4005/1 A</p>	8208/14 - 02 - 0001	
	 <p>3 x Diode 1 N 4005/1 A</p>	8208/14 - 02 - S 002	
	 <p>Diode module for indicating lamp test</p>	8208/14 - 02 - 0002	
Small relays	 <p>1 S</p>	Coil voltage 24 V ~ 8208/14 - 06 - S 001 - 024 110 V ~ 8208/14 - 06 - S 001 - 115 220 V ~ 8208/14 - 06 - S 001 - 115	0,12
	 <p>1 Ö</p>	Coil voltage 24 V ~ 8208/14 - 06 - S 002 - 024 42 V ~ 8208/14 - 06 - S 002 - 048 110 V ~ 8208/14 - 06 - S 002 - 115 220 V ~ 8208/14 - 06 - S 002 - 115	
Small fuses		Rated current 0,63 A 8208/14 - 12 - S 001 - 0,63 A 1,0 A 8208/14 - 12 - S 001 - 1,0 A 1,25 A 8208/14 - 12 - S 001 - 1,25 A 1,6 A 8208/14 - 12 - S 001 - 1,6 A	0,1
		Rated current 0,63 A 8208/14 - 12 - S 002 - 0,63 A 1,0 A 8208/14 - 12 - S 002 - 1,0 A 1,25 A 8208/14 - 12 - S 002 - 1,25 A 1,6 A 8208/14 - 12 - S 002 - 1,6 A	

Technical data

Control unit	with resistor 8208/14 – 03	with diode 8208/14 – 02	with small relay 8208/14 – 06	with small fuse 8208/14 – 12
Explosion protection	EEX de IIC T6	EEx de IIC T6	EEx de IIC T6	EEx de IIC T6
Test certificate	PTB Nr. Ex-82/1106 U	PTB Nr. Ex-82/1106 U	PTB Nr. Ex-82/1106 U	PTB Nr. Ex-82/1106 U
	Other certificates: BVS (D), BKI (H), SEV (CH), CSA (CDN), FTZU (CZ)			
Enclosure material	Polyester	Polyester	Polyester	Polyester
Rated working voltage	–	–	max. 220 V, AC	500 V, AC
Rated working current	–	max. 1 A	I_{th2} 5 A	0,63 A, 1 A, 1,25 A, 1,6 A
Capacity	0,5 W ... 2 W	–	120 W/1250 VA	–
Auxiliary contacts			1 NO or 1 NC	
Rated voltage	–	–	250 V, AC/30 V, DC	–
Rated current	–	–	3 A (AC 1)	–
Operating voltage	–	–	24 V, 42 V, 110 V, 220 V, AC	–
Voltage range (U_c = operating voltage)	–	–	0,8 to 1,1 U_c	–
Duty cycle	–	–	100 %	–
Power consumption-coil-hold-in			0,29 W	
Life	–	–	$\geq 10^5$ operations	–
Terminals	2,5 mm ² flexible	2,5 mm ² flexible	2,5 mm ² flexible	2,5 mm ² flexible
Ambient temperature	– 20° C ... + 40° C	– 20° C ... + 40° C	– 20° C ... + 40° C	– 20° C ... + 40° C

Dimensions, all dimensions in mm – subject to alteration



8208
EEx d-enclosure